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Industrial trucks — Specifications for indicator lights for container handling and grappler arm operations

Chariots de manutention — Spécifications relatives aux voyants lumineux pour la manutention de conteneurs et les opérations de bras de grappin

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Foreword

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The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 110, *Industrial trucks*, Subcommittee SC 2, *Safety of powered industrial trucks*.

This second edition cancels and replaces the first edition (ISO 15871:2000), which has been technically revised.

The main change compared to the previous edition is that the minimum luminous intensity for other types of light sources has been added, e.g. LED, expressed in cd (candela).

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Industrial trucks — Specifications for indicator lights for container handling and grappler arm operations

1 Scope

This document specifies requirements for indicator lights to show the status of freight-container-handling spreaders and grappler arms.

It is applicable to:

a) container-handling spreaders with twistlocks for handling unladen and/or laden freight containers;

b) grappler (bottom lift) arms for handling semi-trailers and swap bodies;

when fitted to:

— counterbalance lift trucks, with masts, as defined in ISO 5053-1:2015, 3.3;

— rough terrain trucks, with masts, as defined in ISO 5053-1:2015, 3.7;

— non-stacking low-lift straddle carriers, as defined in ISO 5053-1:2015, 3.18;

— stacking high-lift straddle carriers, as defined in ISO 5053-1:2015, 3.19;

— variable-reach trucks, as defined in ISO 5053-1:2015, 3.20;

— rough-terrain variable-reach trucks, as defined in ISO 5053-1:2015, 3.21;

— variable-reach container handlers, “reach stackers”, as defined in ISO 5053-1:2015, 3.23;

— counterbalance container handlers, as defined in ISO 5053-1:2015, 3.24.

2 Normative references

There are no normative references in this document.

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

— ISO Online browsing platform: available at https://www.iso.org/obp

— IEC Electropedia: available at http://www.electropedia.org/

3.1
light “on”
“on”
illumination from the indicator continuous with respect to time and at full output

3.2
light “flashing”
“flashing"
illumination from the indicator nominally equally divided between the conditions of *light "on"* (3.1) and *light "off"* (3.3)